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### MICRO: Using Simulation-Based Technology

 Figures 8 and 9 show **inspection** and **simulation** images for 400-nm, ... LS Zurbrick et al., "Alternating Phase-Shift Mask Inspection through the Use of ...

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### MICRO: Behind the Mask - Poortinga (June 2000)

 Hardware Aerial **Image Simulation**. Before measurements could be taken, ...  
 Wafer prints of the **phase-shift** mask will provide the final say on what threshold ...

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### Mesh generation - Patent Storm

 2004-06-296757886 Alternating **phase shift** mask design with optimized phase shapes ... detected electrons is generated, and an **inspection image** is formed on. ...

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 Database **image** with **inspection** shapes on **inspection** tool. Reticle **image** on ...

 Wafer **Image Simulation**. Layout with OPC. OPC Verification. Printed Wafer ...

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 Process **Simulation**. and Development. Tools. **Inspection**. and Repair. Equipment

 ... Silicon **image simulation** checks against target, and flags failures ...

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 determining the specifications of **inspection** tools and repair tools within ...

 have used aerial **image simulation** to predict the printable defects, ...

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 The use of alternating aperture **phase-shift** masks (AAPSM's) is a ... We present **inspection** of individual phase-bump defects in AAPSM's using atomic force ...

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The use of alternating aperture **phase-shift** masks (AAPSM's) is a successful ...  
**geometry** of the defect. Such trenching is also observed at the edge of the ...

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Keywords: **phase shift** mask, PSM, defect repair, **simulation**, etch, ... right and  
left in the **image**. Figure 3: Tip **geometry** and micro-trenching detail. ...

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If desired, the **image** data may be used as a starting point for more ... Early in  
the development of **phase-shift** masks at IBM, it became clear that a method ...

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The interferometer provides only direct **phase shift** information. ... **Phase shift**  
and pinhole **inspection** are somewhat more complicated and are reviewed below ...

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For logic design, Chrome-Less **Phase Shift** Mask is one of the possible ...  
The Fig.6 shows the AIMS **simulation** and printing **image** of 65nm isolated line ...

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ment of a multitude of physical parameters (**geometry**, visual **image**, color, etc.  
... visual laser radar, such as "tunnel **inspection**", survey and generation ...

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... of detailed physical **geometry** information for valid lithography modeling. ...  
We then perform another aerial **image** **simulation** on the new routes and ...

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to produce a set of mask **geometry** data that is suitable for. mask manufacturing.  
... **image** **simulation** is in good agreement with the design. intent. ...

[www.ee.ucr.edu/~stan/papers/isqed03.pdf](http://www.ee.ucr.edu/~stan/papers/isqed03.pdf) - [Similar pages](#)

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We then perform another aerial **image simulation** on the new routes and ... K. McCullen, □ **Phase** correct routing for alternating **phase shift** masks, □ in Proc. ...  
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A **phase image** is created by Fourier transforming each row in the **image**, ... for the research is the **simulation** of a thermal tire **inspection** station. ...  
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First, we show how our scheme can accommodate **image** and video descriptions that ... The **simulation** results show the effectiveness of the proposed algorithm. ...  
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Visual **inspection** of the registered images provided qualitative ... The GE MR images we have used are **phase** encoded in two directions and have a relatively ...  
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The **Phase** II Advanced Snowplow (ASP-II) was deployed to the Caltrans maintenance ... In addition, a locking "**simulation**" switch is connected to digital ...  
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immersed at any one time and close **inspection** of images from different angles is ... The last **phase** of construction was matching the **image** to the screen. ...  
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state calculation **phase** takes this relative **geometry information** and calculates ... Thus, each camera provides an input **image** to the registration. **phase**. ...  
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